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HISTORIC AMERICAN ENGINEERING RECORD

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Edwards Air Force Base, North Base,
Unicon Portable Hangar (Building 4305)
First and C Streets
Boron Vicinity
Kern County
California

HAER No. CA-170-A

Photographers' Credits:

Credit BG: Brian Grogan, Photography and Preservation Associates, Inc., September 1995

Credit PSR: Philipp S. Rittermann, Photography and Preservation Associates, Inc., September 1995

Credit USAF: Photographic copy of original United States Air Force photograph; photographers' names undetermined, dates as cited

- CA-170-A-1** Credit PSR. View looks north from aircraft apron at south and east facades of the first hangar built at North Base in 1942. Note Building 4306 attached to hangar in distance; this structure is the boiler house to heat hangar during winters. Cable reels in foreground are from fiber optic and electrical cable installations ongoing at Edwards Air Force Base.
- CA-170-A-2** Credit PSR. View looks south at north and west facades of hangar, with attached lean-to structures containing offices and workshops. Building at right midground is Building 4307 Supply & Equipment Warehouse. Building 4308 is a fenced electrical transformer substation appearing in the extreme left of the view.
- CA-170-A-3** Credit BG. View looks south at north facade of Unicon Portable Hangar, showing later additions to structure. A dust ditch cuts the ground surface in left midground of view. Building 4308, electrical substation, appears at extreme right of view.

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- CA-170-A-4** Credit PSR. View east at west and south facades of Unicon Portable Hangar with immediate ancillary structures. Building 4307 (Supply & Equipment Warehouse) appears at left, Building 4303 (Air Compressor Plant) in middle foreground, and Building 4306 (Boiler House) at the southwest corner of the hangar.
- CA-170-A-5** Credit PSR. View northwest at south facade of Unicon Portable Hangar. The Boiler House (Building 4306) appears at far corner of hangar. In left foreground are remains of concrete foundation of T-57, and in the right foreground is the concrete foundation for the former Inflammable Materials Storage structure. The black tank in the distance stores diesel fuel, contents of white tank in left background are undetermined.
- CA-170-A-6** Credit BG. Detail view looking north at Building 4306 (Boiler House) located at southwest corner of Building 4305 (Unicon Portable Hangar). Building retains its original World War II wooden construction and finish. Number sign for Building 4302 belongs to nearby sump pump structure (See HAER photo number CA-170-RR-1)
- CA-170-A-7** Credit PSR. Detail view looks east at Building 4306 (Boiler House) and at the south facade of Building 4305. Ground disturbance in foreground was a pit lined with plastic film for placement of a temporary fuel tank.
- CA-170-A-8** Credit PSR. Interior of Building 4305, looking west under elliptical laminated wooden roof arches. Lower surfaces are ceilings of offices built within structure; cylindrical and rectangular ducts are for air conditioning.
- CA-170-A-9** Credit PSR. Interior of Building 4305, looking east under elliptical laminated wooden roof arches. Lower surfaces are ceilings of offices built within structure by the National Aeronautics and Space Administration (NASA) in 1977; cylindrical and rectangular ducts are for air conditioning. Suspended lighting fixtures date from building's original use as an aircraft hangar.

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- CA-170-A-10** Credit USAF, 7 September 1945. Original housed in the Muroc Flight Test Base, Unit History, 1 September 1942 - 30 June 1945. Alfred F. Simpson Historical Research Agency. United States Air Force. Maxwell AFB, Alabama. View looks northwest into jet engine test cell located on aircraft apron southeast of Building 4305. In background of photo can be seen doors of Unicon Portable Hangar on left, and southeast end of Building T-1 Bachelor Officers' Quarters ("Desert Rat Hotel"). This view emphasizes the hangar's role as a test facility for developing and testing aircraft and aircraft systems, not simply as a "garage" for aircraft.
- CA-170-A-11** Credit PSR. Exterior of Building 4305 looking north at the southwest and southeast facades of the hangar. The reels grouped on the apron southeast of the structure are for fiber-optic and telephone cable. The concrete pads in the immediate foreground were not identifiable from existing historic drawings or photographs.